

ABSTRACT

The present application relates to an imaging system for radiographic inspection, including: a first ray source assembly (10), including a plurality of ray sources (100); a second ray source assembly (20), including a plurality of ray sources, target spots of all the ray sources (100) of the first ray source assembly (10) being arranged in a first ray source plane, and the target spots of all the ray sources (100) of the second ray source assembly (20) being arranged in a second ray source plane; a plurality of first detector units (310) arranged in a first detector plane; a plurality of second detector units (320) arranged in a second detector plane; and a detector bracket (330), the plurality of first detector units (310) and the plurality of second detector units (320) are both installed on the detector bracket (330), wherein the first ray source plane, the first detector plane, the second detector plane, and the second ray source plane are distributed in sequence in the travelling direction.

Fig. 1